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**The Eight ICM Pioneer Sites
Selected to Partner with USDOT
in its ICM Initiative:**

- Dallas, Texas
- Houston, Texas
- Minneapolis, Minnesota
- Montgomery County, Maryland
- Oakland, California
- San Antonio, Texas
- San Diego, California
- Seattle, Washington

Track the accomplishments of
the ICM Pioneer Sites at:
www.its.dot.gov/icms/pioneer.htm



**For more information on the
USDOT's ICM Initiative, please
visit:**

[http://www.its.dot.gov/itsweb/icms/
index.htm](http://www.its.dot.gov/itsweb/icms/index.htm)

Integrated Corridor Management (ICM) Pioneer Sites

Leaders, Innovators in Congestion Management

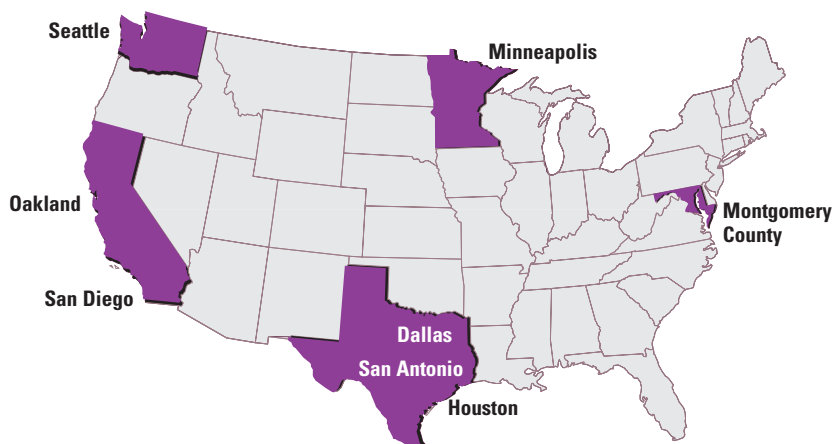
Traffic congestion continues to rank as a top transportation concern among businesses and the general public in urban areas across the country. In a USA Today article, the Chamber of Commerce of one major metropolitan area described traffic congestion as "the greatest threat to our region's continued economic prosperity."¹ Integrated Corridor Management (ICM) is an approach that offers promise in addressing the growing challenge of managing congestion in urban areas. ICM aims to optimize the transportation corridor infrastructure through the proactive, integrated and multimodal management and operation of existing assets by transportation agencies.

The U.S. Department of Transportation's (USDOT) ICM Initiative is designed to advance the state of the practice in transportation management and operations. The USDOT ICM Initiative is providing the institutional guidance, operational capabilities and Intelligent Transportation Systems (ITS) technology and technical methods needed for effective ICM implementation.

As part of this initiative, the USDOT has selected eight "Pioneer Sites" to act as critical partners in the development, deployment and evaluation of ICM concepts in some of our nation's busiest urban corridors. These Pioneer Sites are developing multimodal ICM strategies that apply new institutional and operational approaches and advanced technologies to existing infrastructure to help to increase travel time reliability, manage congestion and empower travelers.

All eight Pioneer Sites are recognized leaders in the area of congestion management. Their efforts under this initiative are contributing to more efficient, faster moving and safer corridors for the future. The Pioneer Sites' innovations in the development of ICM approaches are blazing new trails in congestion management.

ICM Pioneer Sites



¹ http://www.usatoday.com/news/nation/2002-10-17-traffic_x.htm. Accessed January 2007.





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Documentation and resources from each of the ICM developmental stages will be made available to practitioners across the country through the Knowledgebase (www.its.dot.gov/icms/knowledgebase.htm). Bookmark the Knowledgebase and subscribe to the RSS feed to be notified as new resources are added!

For more information on the ICM Pioneer Sites or the USDOT ICM Initiative, please visit:

<http://www.its.dot.gov/itsweb/icms/index.htm>

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The corridors of each Pioneer Site include configurations and characteristics that the USDOT believes represent many other corridors across the nation. All possess infrastructure assets that can enable ICM. For example, all have implemented real-time signal control on their arterials. Many have implemented high-occupancy vehicle (HOV) and value pricing strategies, while others have advanced bus operations that include express bus and bus rapid transit services. The following table provides a snapshot of the eight USDOT ICM Pioneer Sites and the existing infrastructure assets they will seek to integrate through ICM.

Pioneer Site Location	Corridor Assets To Be Integrated with ICM								
	Freeway	Arterial	Bus	Rail					
	HOV	Tolling	Value Pricing	Real-time Control	Fixed Route	Express Buses	Bus Rapid Transit	Commuter Rail	Light Rail
*Dallas, Texas	◆	◆		◆	◆	◆			◆
Houston, Texas	◆	◆	◆	◆	◆	◆	◆		
Minneapolis, Minnesota	◆	◆	◆	◆	◆	◆	◆		
Montgomery County, Maryland	◆			◆	◆	◆		◆	◆
Oakland, California	◆	◆		◆	◆	◆	◆		◆
San Antonio, Texas				◆	◆	◆			
*San Diego, California	◆	◆	◆	◆	◆	◆	◆		
Seattle, Washington	◆			◆	◆	◆		◆	◆

Bolded sites have been selected for analysis, modeling and simulation of proposed ICM systems and strategies

**Selected as ICM Demonstration site.*

Three Stages of ICM Development with the Pioneer Sites

The USDOT's partnership with the Pioneer Sites is divided into three stages:

Stage 1—Concept Development (FY07/08). All eight sites are developing site-specific concepts of operations and requirements documents. Each site will also provide sample data for evaluation.

Stage 2—Modeling (FY09/FY10). USDOT selected three sites—Dallas, TX; Minneapolis, MN; and San Diego, CA—to analyze and model their proposed ICM systems and specific ICM strategies using USDOT-provided resources, methodologies and tools and working closely with USDOT. Pioneer site modeling results will shed further light on optimum ICM strategies and analysis, modeling and simulation (AMS) methodologies and approaches that others can apply to their corridors. Visit the ICM Knowledgebase (www.its.dot.gov/icms/knowledgebase.htm) to review the concepts of operations and requirements documentation for these (and all Pioneer Sites) as well as AMS documentation including experimental plans and analysis reports from these sites.

Stage 3—Demonstration and Evaluation (FY10/FY12). Dallas, TX, and San Diego, CA have been chosen to demonstrate ICM concepts that may have applicability to a broad range of corridors around the country.

Please visit www.its.dot.gov/icms/pioneer.htm for more information about the Pioneer Sites.

